

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sung-Jin KANG et. al.  
Serial No: Unassigned  
Filed: August 28, 2003  
For: Apparatus For Constant Amplitude Coded Bi-Orthogonal Demodulation

) Atty Dkt: KANG3011/EM  
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Assistant Commissioner of Patents  
and Trademarks  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**


Sir:

Pursuant to Rule 37 C.F.R. §1.51(b), §1.56, §1.97, and §1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 02-0200.

Respectfully submitted,

  
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Date: August 28, 2003

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| B/O Form PTO-1449<br><br>U.S. Department of Commerce<br>Patent and Trademark Office<br><br>Information Disclosure Statement by Applicant | Atty. Docket Number<br><b>KANG3011/EM</b>                     | Serial Number<br><b>Unassigned</b> |
|  | Applicant<br><b>Sung-Jin KANG et. al.</b>                     |                                    |
|  | Filing Date<br><b>Concurrently Herewith - August 28, 2003</b> | Group                              |

## U.S. Patent Documents

| Examiner Initial | Document Number | Date     | Patentee/Applicant | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|----------|--------------------|-------|----------|----------------------------|
|                  | US 6,434,111 B1 | 08/13/02 | Voyer et. al.      |       |          |                            |
|                  | 5,675,572       | 10/07/97 | Hidejima et. al.   |       |          |                            |
|                  | US 6,298,099 B1 | 10/02/01 | Resnikoff et. al.  |       |          |                            |
|                  | 6,091,784       | 07/18/00 | Park et. al.       |       |          |                            |
|                  |                 |          |                    |       |          |                            |

## Foreign Patent Documents

| Examiner Initial | Document Number | Publication Date | Country/Agency | Class | Subclass | Translation |    |
|------------------|-----------------|------------------|----------------|-------|----------|-------------|----|
|                  |                 |                  |                |       |          | Yes         | No |
|                  |                 |                  |                |       |          |             |    |
|                  |                 |                  |                |       |          |             |    |
|                  |                 |                  |                |       |          |             |    |

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

|  |  |   |
|--|--|---|
|  |  | Sung Pil Kim et al., <i>A Constant Amplitude Coding For Code Select CDMA System</i> , 2002, 1035-1038, 2002 IEEE Region 10 Technical Conference On Computers Communications Control Power And Engineering, Beijing, China |
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|          |                 |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.